

August 2016

### Construction Simulators

This is an innovative effort to influence students with disabilities exposure to career pathways in the construction and heavy equipment field. We are utilizing PETS dollars to rent from Hawkeye Community College a Tractor/Trailer that has computer simulation equipment providing a hands on experience for students. This activity can be complimented with various classroom and work readiness activities involving local businesses to expand employment career interest areas.

Course Name: CEO Simulation trailer

Course Objective: CEO trailer traveling across state to multiple Voc Rehab locations, mostly to teach high school students how to operate the simulators.

Dates & Times: Operating times 9am-3pm each day, plus one hour set up and one hour tear down

Location: 9/7/16: WCAO – Ankeny Centennial High School

9/8/16: WCAO – Des Moines

9/12/16: Council Bluffs – Tucker Center in Council Bluffs

9/13/16: Sioux City – North High School

9/14/16: FDAO – Fort Dodge Senior High School

9/15/16: NCAO - Ames High School

9/16/16: MCAO – Charles City High School

9/19/16: WAO – Waterloo West High School

9/20/16: Dubuque – Dubuque Hempstead High School

9/21/16: Davenport – Davenport North High School

9/22/16: Burlington – Burlington High School

9/23/16: Ottumwa – Ottumwa High School

9/29/16: Cedar Rapids – Prairie High School

9/30/16: Iowa City – City High School

Instructor: Two RTTC Staff

Participants: 7 people per hour                      Maximum Number: 15 people per hour if both instructors are present

Materials: All materials, fees, hotels, gas, food, and other charges are included

This is being done to provide career awareness and job exploration for secondary school students with disabilities. The students will be receiving secondary school services through an IEP or 504 Plan and will have expressed some type of interest in the construction environment. This training will provide exposure through hands on experience with various construction/heavy equipment operation and assist students in identifying occupational interests.

Desire outcomes are:

Increase understanding of construction/heavy equipment operation employment positions and work tasks, skills and abilities needed to be successful

Provide hands on experience increasing self-awareness of employment interests, skills and abilities.

Improve awareness of job functions and skills necessary to operate heavy equipment and distinguish skill levels and abilities needed for different equipment.